

## Sensor for detecting cocked sheets

Patent Number: EP0861722

Publication date: 1998-09-02

Inventor(s): HELMSTAEDTER KARL-HEINZ (DE); MUELLER TOBIAS DR (DE); WEHLE JOSEF (DE); BECKER WILLI (DE); HENN ANDREAS (DE); SCHULZ ANDREAS (DE); RAUTERT JUERGEN DR (DE)

Applicant(s): HEIDELBERGER DRUCKMASCH AG (DE)

Requested Patent:  EP0861722, A3, B1

Application Number: EP19980101425 19980128

Priority Number (s): DE19971007658 19970226

IPC Classification: B41F21/00; B41F33/02; B65H7/14

EC Classification: B41F33/02, B41F21/00, B65H7/14

Equivalents:  DE19707658,  JP10235842

Cited patent(s): DE3328843; EP0058285; EP0095647; EP0053728

### Abstract

The sheet-sensor (12,13) consists of a transmitter (12) and receiver (13) in the area of the sheet-turner. The transmitter is on one side (AS) of the printer, and the receiver on the other side (BS), outside the sheet-track. The transmitter is above the plane along which the sheets run, and the receiver below it. The light beam emitted by the transmitter to the receiver runs at a slant in relation to the sheets' plane. The sheet-sensor is in the form of a reflection light barrier.

Data supplied from the esp@cenet database - I2